

We claim:

1. A female undersea hydraulic coupling member, comprising:  
a floating seal inserted into a receiving chamber of the female coupling member, the floating seal having a smaller outer diameter than the receiving chamber and being movable radially within the receiving chamber, the floating seal having at least one axially engageable seal positioned adjacent a first end thereof and at least one axially engageable seal positioned adjacent a second end thereof, and at least one sealing surface extending radially inwardly from the floating seal.
2. The female undersea hydraulic coupling member of claim 1 wherein the axially engageable seals are O-rings.
3. The female undersea hydraulic coupling member of claim 1 further comprising axial ridges extending from the first end thereof.
4. The female undersea hydraulic coupling member of claim 1 further comprising axial ridges extending from the second end thereof.
5. The female undersea hydraulic coupling member of claim 1 further comprising a retainer nut threaded to the female coupling member, for preventing axial movement of the floating seal.
6. The female undersea hydraulic coupling member of claim 1 wherein the floating seal has a stepped outer diameter.
7. A floating seal for an undersea hydraulic coupling member comprising:  
an elastomeric body having a first smaller outer diameter and a second larger outer diameter, an inner diameter having at least one sealing surface projecting inwardly therefrom, a first O-ring positioned in a groove adjacent a first end of the floating seal, and a second O-ring positioned in a groove adjacent a second end of the floating seal.
8. The floating seal of claim 7 further comprising a pair of axially extending ridges adjacent the first end thereof.
9. The floating seal of claim 7 further comprising a pair of axially extending ridges adjacent the second end thereof.
10. The floating seal of claim 7 further comprising at least one O-ring extending around the outer diameter thereof.
11. The floating seal of claim 7 further comprising a retainer nut dimensioned to abut the second end of the floating seal.

12. An undersea hydraulic coupling member comprising:  
a female coupling member having an internal bore and a receiving chamber with a shoulder intermediate the receiving chamber;  
a floating seal dimensioned for insertion into the receiving chamber and positioned against the shoulder, the floating seal moveable radially within the receiving chamber; and  
a retainer nut engageable with the female coupling member, the retainer nut configured to hold and restrict axial movement of the floating seal between the retainer nut and the shoulder.
13. The undersea hydraulic coupling member of claim 12 wherein the floating seal has a first end and an O-ring positioned in a groove adjacent the first end thereof.
14. The undersea hydraulic coupling member of claim 12 wherein the floating seal has a second end and an O-ring positioned in a groove adjacent the second end thereof.
15. The undersea hydraulic coupling member of claim 12 further comprising an axially extending ridge from the floating seal.
16. The undersea hydraulic coupling member of claim 12 wherein the floating seal is axially compressed between the retainer nut and shoulder.
17. The undersea hydraulic coupling member of claim 12 wherein the floating seal has at least one sealing surface extending radially inwardly therefrom.